



PATENT
717664.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Bishop, William M.	:	Examiner: Leung, Richard L
	:	
Serial No.: 10/686,450	:	Group Art Unit: 3744
	:	
Filed: October 15, 2003	:	Attorney Docket No.: 717664.11
	:	
For: METHOD AND APPARATUS FOR	:	
WARMING AND STORAGE OF COLD	:	
FLUIDS	:	Customer No.: 027128
	:	
	:	Confirmation No.: 6862
Last Office Action: June 2, 2004	:	

AMENDMENT A

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

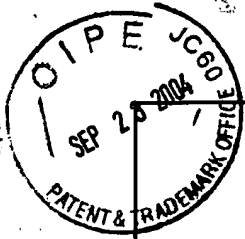
Sir:

In response to the Office Action mailed June 2, 2004, and within the fourth month for response thereto and upon payment of the appropriate extension fee, as noted in accompanying Petition For Extension of Time Under 37 C.F.R. §1.136(a), please amend the above-identified application in accordance with the amendments and remarks as set forth herein.

Amendments to the Specification begin on page 2 of this document.

Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this document.

Remarks/Arguments begin on page 6 of this document.



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IFW #

PTO/SB/21 (02-04)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/686,450
		Filing Date	October 15, 2003
		First Named Inventor	Bishop, William M.
		Group Art Unit	3744
		Examiner Name	Leung, Richard L
Total Number of Pages in This Submission	10	Attorney Docket Number	717664.11

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below); return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks:	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Lawrence E. Evans, Reg. No. 29,531 Blackwell Sanders Peper Martin LLP
Signature	<i>Lawrence E. Evans</i>
Date	Sept. 23, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Express Mail Label No.: EV390576915US			
Typed or printed name	Jennifer Christopher		
Signature	<i>Jennifer Christopher</i>	Date	23 Sept. 04

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Complete if Known

<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Application Number	10/686,450
TOTAL AMOUNT OF PAYMENT (\$)	Filing Date	October 15, 2003
	First Named Inventor	William M. Bishop
(\$)	Examiner Name	Leung, Richard L
	Art Unit	3744
	Attorney Docket No.	717664.11

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)				
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES				
<input checked="" type="checkbox"/> Deposit Account: Order		Large Entity		Small Entity		
Deposit Account Number: 11-0160		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
Deposit Account Name: BLACKWELL SANDERS PEPER MARTIN LLP		1051	130	2051	65	Surcharge - late filing fee or oath
		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
		1053	130	1053	130	Non-English specification
		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
		1251	110	2251	55	Extension for reply within first month
		1252	420	2252	210	Extension for reply within second month
		1253	950	2253	475	Extension for reply within third month
		1254	1,480	2254	740	Extension for reply within fourth month
		1255	2,010	1155	1,005	Extension for reply within fifth month
		1401	330	2401	165	Notice of Appeal
		1402	330	2402	165	Filing a brief in support of an appeal
		1403	290	2403	145	Request for oral hearing
		1451	1,510	1451	1,510	Petition to institute a public use proceeding
		1452	110	2452	55	Petition to revive - unavoidable
		1453	1,330	2453	665	Petition to revive - unintentional
		1501	1,330	2501	665	Utility issue fee (or reissue)
		1502	480	2502	240	Design issue fee
		1503	640	2503	320	Plant issue fee
		1460	130	1460	130	Petitions to the Commissioner
		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
		1806	180	1806	180	Submission of Information Disclosure Stmt
		8021	40	8021	40	Recording each patent assignment per property (times number of properties)
		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
		1801	770	2801	385	Request for Continued Examination (RCE)
		1802	900	1802	900	Request for expedited examination of a design application
		Other fee (specify) _____				
		*Reduced by Basic Filing Fee Paid				
		SUBTOTAL (3) (\$)				
		55.00				

FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					
Total Claims		Extra Claims	Fee from below	Fee Paid	
Independent Claims		-20**	X		
Multiple Dependent		-3**	X		
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					
**or number previously paid, if greater; For Reissues, see above					

SUBMITTED BY		(Complete (if applicable))	
Name (Print/Type)	Lawrence E. Evans	Registration No.	29.531
Signature	<i>Lawrence E. Evans</i>	Telephone	314-345-6000
		Date	9/23/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STLD01-1100617-1